

1 CLAIMS

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5 I Claim:

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7 1. A pneumatic gun alignment system for adjusting the position of a firearm,  
8 comprising:

9 a support bag, wherein said support bag is inflatable and is positionable beneath  
10 a firearm for adjusting the position of a firearm; and

11 a hose having a first end and a second end, wherein said first end is fluidly  
12 connected to said support bag and wherein said second end is fluidly connectable to an  
13 air supply unit.  
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16 2. The pneumatic gun alignment system of Claim 1, including a valve unit  
17 positioned within said hose, wherein said valve unit allows for closing of airflow from  
18 said support bag and allows for releasing of airflow from said support bag.  
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21 3. The pneumatic gun alignment system of Claim 1, wherein said support bag  
22 is comprised of an air bag and a cover surrounding said air bag.  
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25 4. The pneumatic gun alignment system of Claim 3, wherein said air bag is  
26 comprised of a non-permeable material.  
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1           5. The pneumatic gun alignment system of Claim 4, wherein said air bag is  
2 comprised of rubber.

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5           6. The pneumatic gun alignment system of Claim 3, wherein said air bag has a  
6 relatively flat upper surface and relatively flat lower surface when inflated.

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9           7. The pneumatic gun alignment system of Claim 3, wherein said cover is  
10 comprised of a permeable material.

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13           8. The pneumatic gun alignment system of Claim 3, wherein said cover is  
14 secured and closed about said hose by a tie member.

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17           9. The pneumatic gun alignment system of Claim 1, wherein said air supply  
18 unit is a manually operated structure capable of providing pressurized air.

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21           10. The pneumatic gun alignment system of Claim 1, wherein said air supply  
22 unit is a mechanically operated structure capable of providing pressurized air.

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25           11. A method of operating a pneumatic gun alignment system, said method  
26 comprising the steps of:

27           (a) positioning an inflatable support bag beneath a front portion of a firearm;

28           (b) increasing air pressure within said support bag if an increase in angle is  
29 required for said firearm;

1 (c) decreasing air pressure within said support bag if a decrease in angle is  
2 required for said firearm; and

3 (d) maintaining a relatively constant air pressure within said support bag if a  
4 desired angle is achieved for said firearm.

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7 12. The method of operating a pneumatic gun alignment system of Claim 11,  
8 wherein said support bag is positioned upon a gun support.

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11 13. The method of operating a pneumatic gun alignment system of Claim 11,  
12 including a sandbag positioned beneath a rear portion of said firearm.

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15 14. A method of operating a pneumatic gun alignment system, said method  
16 comprising the steps of:

- 17 (a) positioning an inflatable support bag beneath a rear portion of a firearm;  
18 (b) decreasing air pressure within said support bag if an increase in angle is  
19 required for said firearm;  
20 (c) increasing air pressure within said support bag if a decrease in angle is  
21 required for said firearm; and  
22 (d) maintaining a relatively constant air pressure within said support bag if a  
23 desired angle is achieved for said firearm.

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26 15. The method of operating a pneumatic gun alignment system of Claim 14,  
27 wherein said support bag is positioned upon a gun support.

- 1           16. The method of operating a pneumatic gun alignment system of Claim 14,
- 2   including a sandbag positioned beneath a rear portion of said firearm.